IAP7 Rec'd PCT/PTO 19 JURO 2006 Rev. 02-2005)
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# TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 2003P19331

	NCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION #0.7 If known, see 37 CFR 1.5)						
	ATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/DE2004/002656 November 30, 2004	PRIORITY DATE CLAIMED December 19, 2003						
TITLE OF INVENTION Device and Method for Monitoring a Gas Volume in a Unit Filled With Liquid								
APPLICANT(S) FOR DO/EO/US BIRNER, Friedrich; KUTZNER, Rüdiger								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X	The US has been elected (Article 31).							
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
E 	a. $\overline{f X}$ is attached hereto (required only if not communicated by the International Bureau).							
•	b. has been communicated by the International Bureau.							
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. X is attached hereto.							
	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. have not been made and will not be made.							
8.	An English language translation of the amendments to the claims under PC	T Article 19 (35 U.S.C. 371(c)(3)).						
9. X	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	GNED						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items 11 to 20 below concern document(s) or information included:								
11. X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12. 🔲	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. X	A preliminary amendment.							
14. X	An Application Data Sheet under 37 CFR 1,76.							
15.	A substitute specification.							
16. 🔲	A power of attorney and/or change of address letter.							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20. X	Other items or information: Written Opinion							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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### IAP18 Rec'd PCT/PTO 19

90 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER PCT/DE2004/002656 2003P19331 CALCULATIONS The following fees have been submitted PTO USE ONLY 21. 🔯 Basic national fee.....\$300 300.00 22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of 200.00 PCT Article 33(1)-(4)......\$100 All other situations......\$200 Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 400.00 International Searching Authority.....\$100 All other situations......\$500 900.00 TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number) 0.00 - 100 = x \$250 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(h)). **CLAIMS NUMBER FILED NUMBER EXTRA** RATE \$ Total claims x \$ 50 \$ - 20 = 0 0.00 13 Independent claims - 3 = \$200 \$ 0.00 2 0 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 \$ **TOTAL OF ABOVE CALCULATIONS =** 0.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. 0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). **TOTAL NATIONAL FEE =** \$ 900.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied 0.00 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = 0.00 Amount to be \$ refunded: Amount to be \$ charged: A check in the amount of \$ to cover the above fees is enclosed. in the amount of \$ \_\_\_\_\_ to cover the above fees. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1099. A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: To the address associated with Customer 24131 Werner H. Stemer NAME 34,956

Dated: June 19, 2006

REGISTRATION NUMBER

## -AP3 Rec'd PCT/PTO 19 JUN 2008

PTO-1390 (Rev. 02-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. (if known\_see 37 CFR 1.5) INTERNATIONAL APPLICATION NO ATTORNEY'S DOCKET NUMBER

10/	5833	<b>37</b> °°°°°	PCT/DE200	PCT/DE2004/002656		2003P19331			
		been submitted				PTO USE ONLY			
21. X Basic n	ational fee			\$300	\$ 300.00	1			
22. X Examina If International prelii PCT Article 33(1) All other situations.	l)-(4)	\$ 200.00							
23. X Search Search fee (37 CFR International International Search All other situations	R 1.445(a)(2)) had I Searching Aut In Report prepare	400.00							
тс	OTAL OF 21, 22	2 and 23 =			\$ 900.00	)			
Additional fee for sequence listing	or specification ng or computer p	n and drawings file program listing file	ed in paper over 100 sheets (e iled in an electronic medium).	excluding					
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			R 1.21(h)). The assignment mu \$40.00 per property	ust be accompanied +	\$	0.00			
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		-			Amount to be refunded:	\$			
					Amount to be charged:	\$			
a. A check in	the amount of	f \$	to cover the abo	ove fees is enclosed.					
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. X  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-1099. A duplicate copy of this sheet is enclosed.									
d. X  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
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To the address		SIGNATURE	<u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>						
				Werner H. St	temer				
Dated: June 19	), 2006	ON NUMBER							

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### AP3 Rec'd PCT/PTO 19 JUN 2008

#### EXPRESS MAIL CERTIFICATION UNDER 37 C.F.R. 1.10

Docket No.: 2003P19331

"Express Mail" mailing label number: EV 842394994 US

Date of Deposit: June 19, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Michael Burns

#### **Charge authorization**

The Office is herewith authorized to charge all fees and deficiencies in fees during the entire pendency of this application to deposit account No. 12-1099.

WERNER H. STEMER REG. NO. 34,956

10/583337 AP3 Rec'd PCT/PTO 19 JUN 2008

Docket No.: 2003P19331

### CERTIFICATION

I, the below named translator, hereby declare that: my name and post office address are as stated below; that I am knowledgeable in the English and German languages, and that I believe that the attached text is a true and complete translation of PCT/DE2004/002656, filed with the German Patent Office on November 30, 2004.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Hollywood, Florida

Rebekka Pierre

June 19, 2006

Lerner Greenberg Stemer LLP P.O. Box 2480 Hollywood, FL 33022-2480

Tel.: (954) 925-1100 Fax.: (954) 925-1101